34. (New) The terminal of claim 32 wherein at least one of the transmitter stage, receiver stage, and switch-over, or adapter stage includes a plurality of micromotors having a control connection to the control unit for mechanically adjusting the passive structural elements.

35. (New) The terminal of claim 32 wherein the control unit has an on/off switch for the transmitter stage and the receiver stage, and a switch-off signal is transmitted to the on/off switch before an actuation signal is transmitted to the microswitch or microrelay configuration to deactivate the transmitter stage and the receiver stage.

36. (New) The terminal of claim 35 wherein the control unit has a sensing unit connected to the on/off switch for transmitting a switch-on signal to the on/off switch to activate the transmitter and the receiver stage after termination of a program run for setting the functional parameter.

37. (New) The terminal of claim 32 wherein the plurality of microswitches or microrelays are integrated with the passive structural elements on a substrate with a high dielectric constant.

38. (New) The terminal of claim 34 wherein at least one of the plurality of micromotors is integrated with the passive structural elements on a substrate with a high dielectric constant.

39. (New) The terminal of claim 32 wherein the control unit includes:

a topology memory for storing a topology of the arrangement of passive structural elements, the topology including the plurality of microswitches or microrelays and configured to determine the functional parameter;

an algorithm memory for storing a calculation algorithm for a predetermined value of the functional parameter based on the topology; and

a calculation stage for determining the configuration to be actuated to implement the predetermined value, based on the stored calculation algorithm.

40. (New) The terminal of claim 39 wherein the topology memory is configured to store a position and a topology corresponding to actuator stages of a micromotor, and the calculation stage is configured to calculate an actuation signal for the micromotor, the signal being output to implement a predetermined value of the functional parameter.

41. (New) The terminal of claim 32 wherein the control unit includes:

a configuration memory for storing a plurality of switched setting configurations of the microswitches or microrelays, in an assignment to a value of the functional parameter or a values vector of the functional parameter; and

a pointer stage for addressing the configuration memory as a function of the value or the values vector.

42. (New) The terminal of claim 41 wherein the configuration memory is configured to store a combined switch setting and motor actuation configurations of the arrangement of passive structural elements.

43. (New) A method for operating a terminal, said terminal comprising:

transmitting an actuation signal from a transmitter stage to a receiver stage; and

deactivating the transmitter stage and the receiver stage before the actuation signal is transmitted to a microswitch configuration, a microrelay configuration, or a micromotor.

44. (New) The method of claim 43 further comprising automatically reactivating the transmitter stage and the receiver stage after a program run for setting a functional parameter is terminated.

45. (New) The method of claim 43 further comprising:

determining a topology memory for storing a topology of the arrangement of passive structural elements, the topology including the plurality of microswitches or microrelays and configured to determine the functional parameter;

determining an algorithm memory for storing a calculation algorithm for a predetermined value of the functional parameter based on the topology; and

determining a calculation stage for identifying, based on the stored calculation algorithm, the configuration to be actuated to implement the predetermined value.

46. (New) The method of claim 45 wherein the topology memory stores a position and a topology corresponding to actuator stages of a micromotor, the calculation stage calculates an actuation signal for the micromotor, and the signal implements a predetermined value of the functional parameter.

47. (New) A programmable RF block for phone applications, said block comprising:

an active component;

at least one tunable adapter network having an adjustable passive component, the adapter network being connected to the active component; and

a control unit configured to set the tunable adapter network and configured to predetermine properties of the RF block relating to a signal response.

48. (New) The programmable RF block of claim 47 wherein the adjustable passive component includes a micromotor, and the programmable control unit is configured to actuate the micromotor for setting the tunable adapter network.

49. (New) The programmable RF block of claim 48 wherein the micromotor is configured to be activated during a period of adjustment for the tunable adapter network.

50. (New) The programmable RF block of claim 48 wherein the memory is connected to the control unit where setting values for the tunable adapter network or predetermined properties of the programmable RF block relating to signal response characteristics are stored.

51. (New) The programmable RF block of claim 50 further comprising a table representing the setting values for achieving the signal response characteristic of the programmable RF block.

52. (New) The programmable RF block of claim 48 wherein the control unit is configured to set the programmable RF block with respect to its properties relating to the operating frequency, bandwidth, amplification power, and noise characteristics.

53. (New) The programmable RF block of claim 50 wherein the control unit is configured to calculate the setting values, for determining the signal response characteristic of the programmable RF block for the tunable adapter network.

54. (New) The programmable RF block of claim 48 wherein the control unit is configured to be programmed over an air interface.

55. (New) A mobile phone configured to be programmed over an air interface, the mobile phone comprising:

a programmable RF block for phone applications, said block including:

an active component;

at least one tunable adapter network having an adjustable passive component, the adapter network being connected to the active component; and

a control unit configured to set the tunable adapter network and configured to predetermine properties of the RF block relating to a signal response.

56. (New) A programmable filter circuit for mobile phone applications, the filter circuit comprising:

a plurality of passive components having characteristic values that are adjustable;

an electric micromotor for adjusting the plurality of passive components; and

a control unit for actuating the electric micromotor and for causing the filter circuit to have a characteristic curve.

57. (New) The filter circuit of claim 56 wherein the control unit is connected to a memory configured to store setting values of the plurality of passive components, actuation values for the electric micromotor, and the characteristic curve of the filter circuit.

58. (New) The filter circuit of claim 56 wherein the control unit is configured to calculate the actuation values for the electric micromotor to be transmitted for achieving the characteristic curve of the filter circuit.

59. (New) The filter circuit of claim 58 wherein the plurality of passive components are capacitors having mechanically adjustable capacitance and constructed with a high dielectric constant using ceramic technology.

60. (New) The filter circuit of claim 59 wherein the capacitors have rotatable or slidable metal plates.

61. (New) The filter circuit of claim 56 wherein the plurality of passive components are resonators and the electric micromotor is configured to change the position of a short-circuit conductor with respect to a grounding point to adjust characteristic values of the resonators.

62. (New) The filter circuit of claim 61 wherein the electric micromotor is electrically powered during a period where a corresponding passive component is mechanically adjusted.

63. (New) A programmable duplexer for mobile phone applications comprising:

a plurality of programmable filter circuits including:

a plurality of passive components having characteristic values that are adjustable;